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(54) Title: TRANSPORT OF AUDIO IN A DIGITAL BROADCASTING SYSTEM

DAB AUDIOFRAME DAB AUDIO FILL AUDIO SCF CRC ALLOCATION SCFS SCALE FACTORS X-PAD F-PAD FRAME SAMPLES SUB-BAND BITS HEADER 32 BIT 16 BIT 2 BIT 6 BIT 2 BYTES N BYTES 32 OR 18 LOW SUB-BAND MIDDLE HIGH SUB-BAND ВП 4 BIT SUB-BAND 3 BIT

(57) Abstract

In a digital broadcasting system (DAB), audio is transmitted as a continuous stream in audio frames. According to the invention, this is achieved by transmitting exactly one audio frame in the data field of each data group. Audio can be transferred as a file, in which case a given number of successive audio frames make up an audio file and the audio file is transferred in accordance with the file transfer protocol of the system. In this case, the transfer speed may vary. Audio can be transferred in packet mode as a continuous stream and the audio frames are transferred at the same speed by forming successive data groups from audio frames coming as a stream and by selecting the transfer speed of the data packets so that the transfer speed of an audio frame assigned to the data group is the same as the transfer speed of an audio frame transmitted as a continuous stream.